Mounting instructions: Attaching the scanner holder to the DLT-V73

1 For your safety

These mounting instructions apply to all DLT-V73 models. They describe how to attach the appropriate Advantech scanner mounting kit.

⇨ Read and observe the mounting instructions carefully.

⇨ Keep them for future reference.



WARNING

Risk of injury due to weight and sharp-edged parts.

The DLT-V73 can fall down and cause injuries due to its weight. The strain relief rail can have sharp edges and cause cutting injuries.

⇨ Always hold the device by the housing with both hands.

⇨ Never use the antenna cap as a handle. It can break due to the weight involved.

⇨ Do not hold the device by the strain relief rail.

⇨ Use the assistance of a second person for installation work.



WARNING

Risk of injury and damage due to improper installation

These mounting instructions are intended for skilled personnel. Only qualified skilled personnel may mount/install DLT-V73 devices

2 Tools required

– Allen key (5 mm width for M6)

– Socket wrench (size 7)

3 Installation sequence

If the DLT-V73 is being used with a scanner mount:

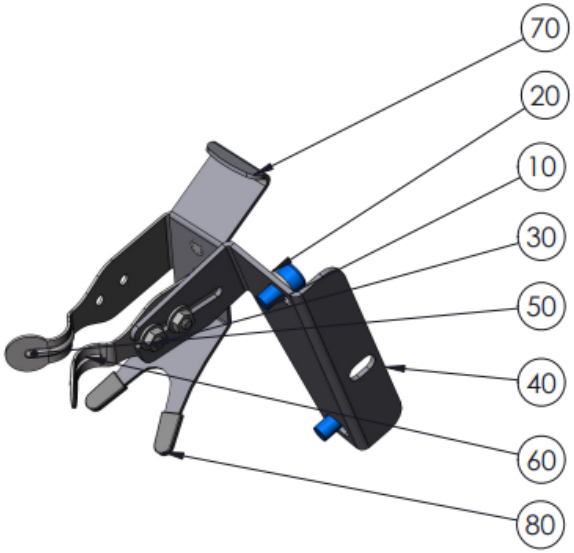
⇨ First assemble the scanner holder.

⇨ Then mount the adapter plate on the scanner holder.

⇨ Then mount the scanner holder with the adapter plate on the DLT-V73.

⇨ Not until then, mount the complete system at the deployment location, e.g., to the forklift (RAM Mount).

4 Scanner holder assembly



Sample Scanner holder assembly

⇨ Assemble the scanner holder from the following components as shown in figure.

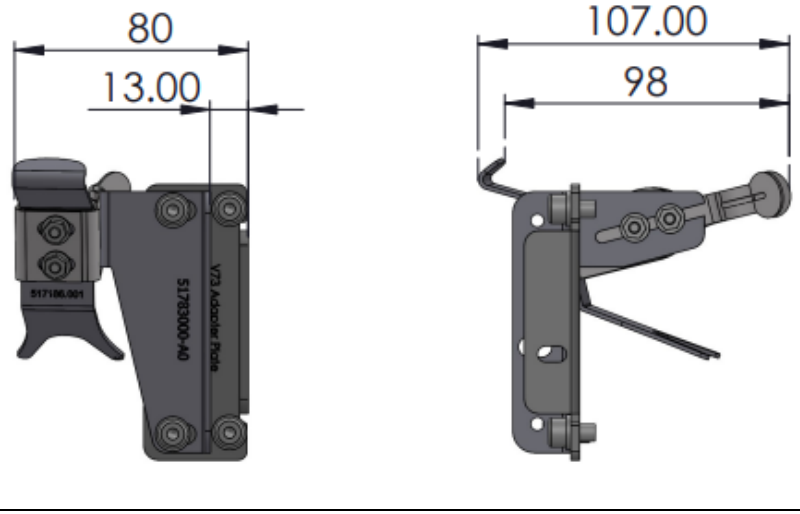
Position of figure	Number of parts	Parts description
10	4	Cylinder-head screw DIN 912 - M6 x 10 - A2, Tuflok
20	4	Washer ISO 8738 - A6-A2
30	4	Nut M4 bevel washer
40	1	Scanner holder
50	1	Spring clip
60	1	Spring clip, complete
70	1	Hand scanner connection plate
80	2	Protection cap

⇨ Adjust according to the scanner size.

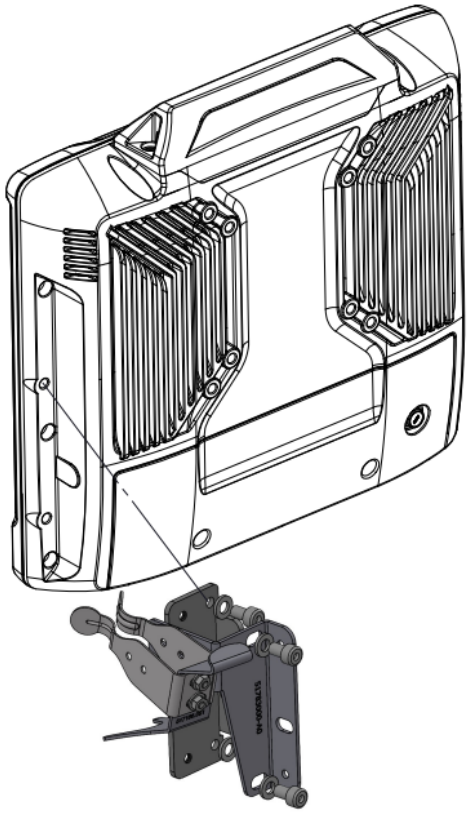
5 DLT-V73: Attaching the scanner holder DL-MTSC016 10” right

Note

The figure shows the attachment of the scanner holder on the right.
The attachment of the scanner holder DL-MTSC015 10” on the left is done analogously but mirror inverted.



Scanner Mounting 10" LS34xx, LS35xx

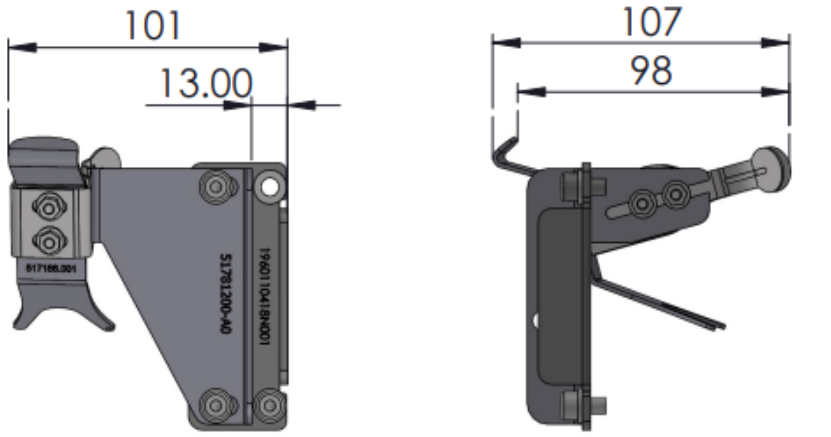


⇨ Fasten scanner holder using 2 screws M6 x 10 with 2 washers (max. tightening torque 3,0 Nm).

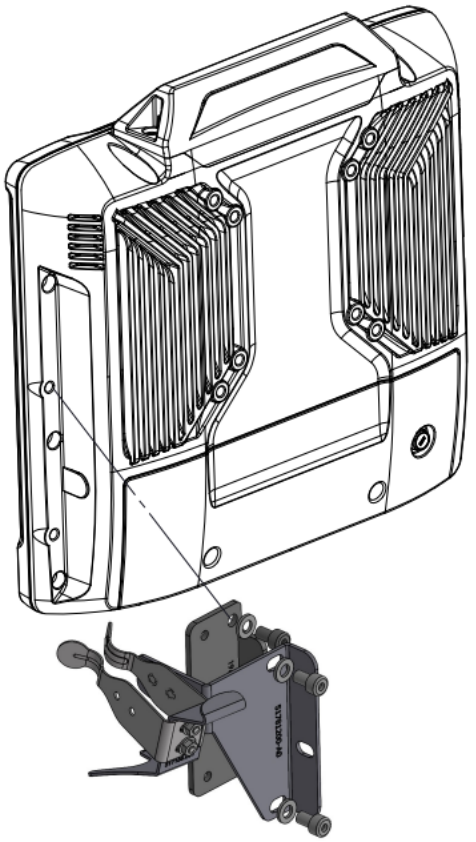
6 DLT-V73: Attaching the scanner holder DL-MTSC014 12” right

Note

The figure shows the attachment of the scanner holder on the right.



Scanner Mounting 12" RIGHT, LS34xx, LS35xx

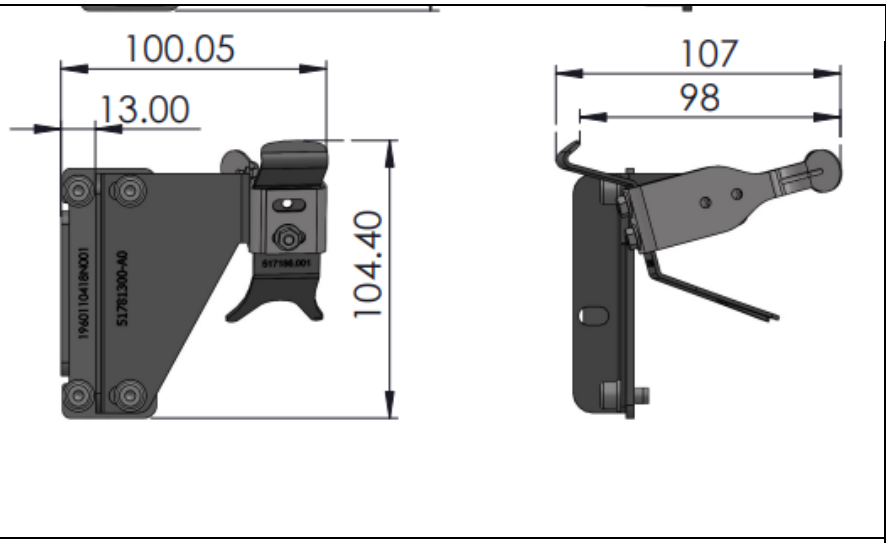


⇨ Fasten scanner holder using 2 screws M6 x 10 with 2 washers (max. tightening torque 3,0 Nm).

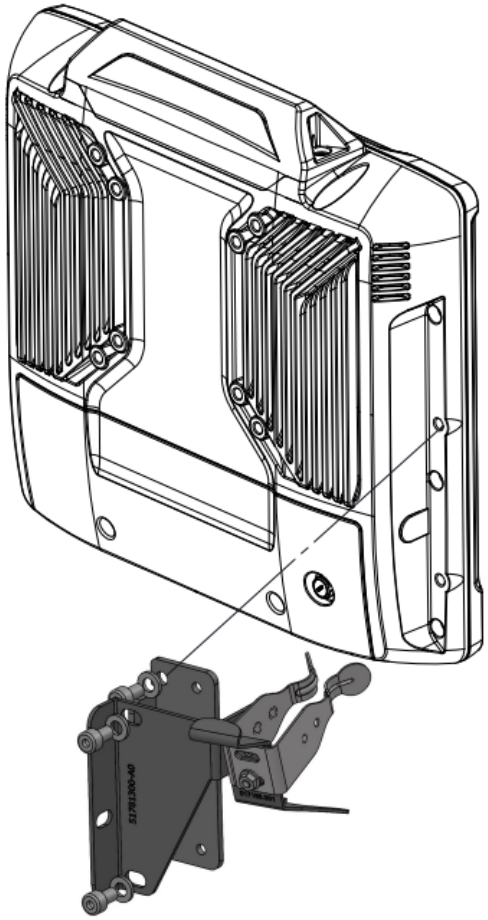
7 DLT-V73: Attaching the scanner holder DL-MTSC013 12” left

Note

The figure shows the attachment of the scanner holder on the left.



Scanner Mounting 12" LEFT, LS34xx, LS35xx

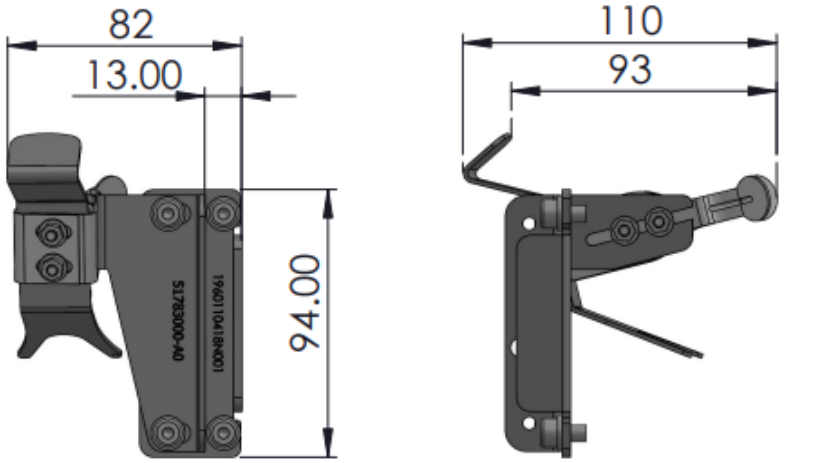


⇨ Fasten scanner holder using 2 screws M6 x 10 with 2 washers (max. tightening torque 3,0 Nm).

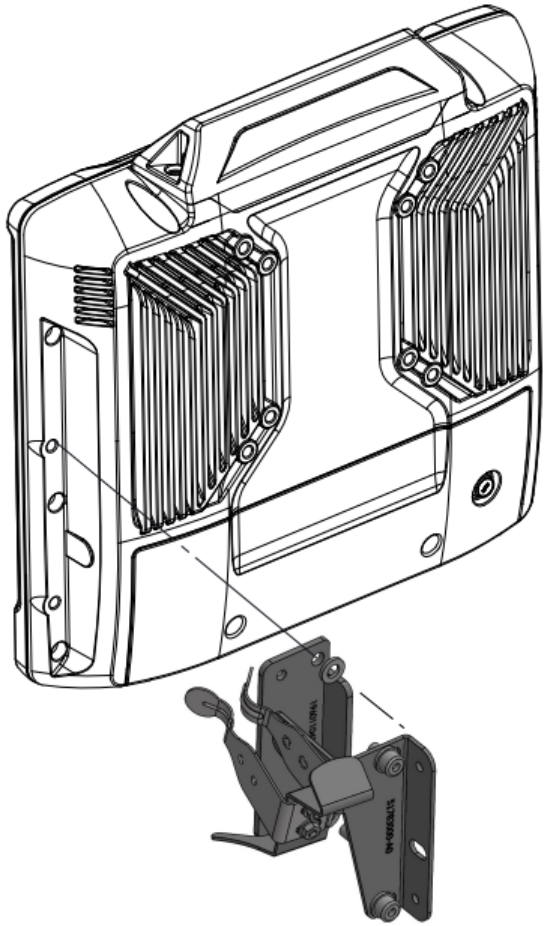
8 DLT-V73: Attaching the scanner holder DL-MTSC011 10” right

Note

The figure shows the attachment of the scanner holder on the right.



Scanner Mounting 10" RIGHT, DS36xx

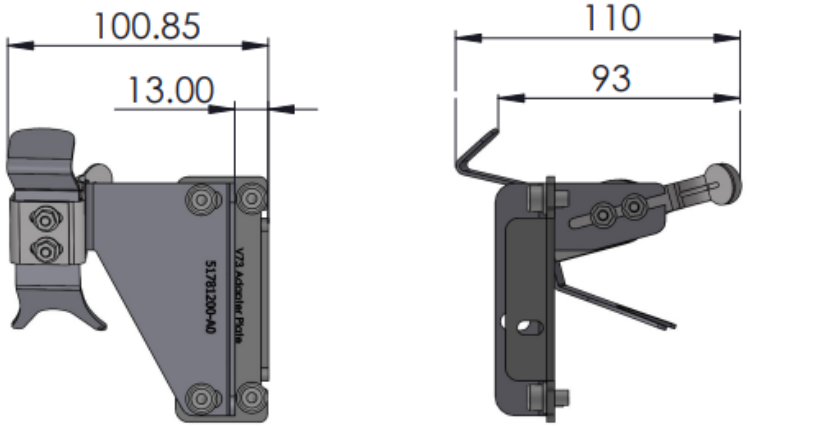


⇨ Fasten scanner holder using 2 screws M6 x 10 with 2 washers (max. tightening torque 3,0 Nm).

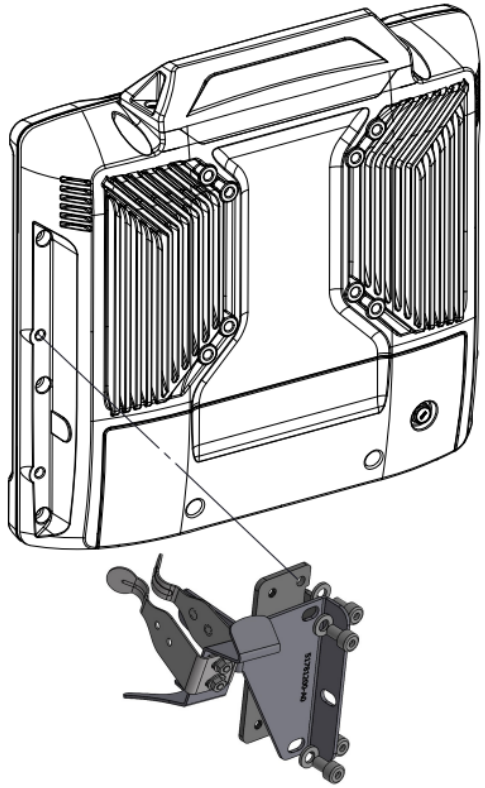
9 DLT-V73: Attaching the scanner holder DL-MTSC017 12” right

Note

The figure shows the attachment of the scanner holder on the right.



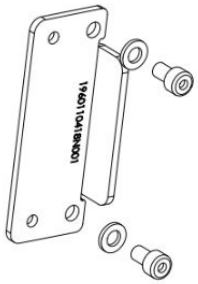
Scanner Mounting 12" RIGHT, DS36xx

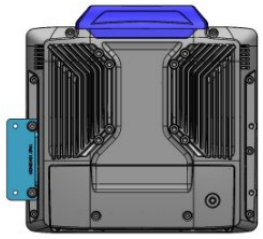


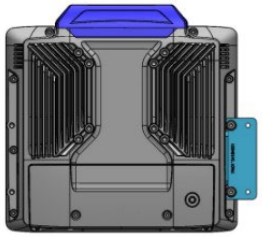
⇨ Fasten scanner holder using 2 screws M6 x 10 with 2 washers (max. tightening torque 3,0 Nm).

10 Exemplary assembly of Adapter plate on the device

This is only exemplary, the accessory has to be mounted including the Scanner holder on the device.







Parts required:

- 2 x Cylinder head screw DIN 912 M6 x 10 A2 TufLok
- 2 x Washer ISO 8738 A6-A2
- 1x MTSC Adapter plate

11 Reusing scanner mounts with DLT-V73 devices by using DL-MTKT012 adapter kit

The scanner mounts of former Advantech terminals like DLT-V72 or DLT-V83 can be fitted with adapters and reused with DLT-V73 devices.

Parts required:

- 1 x Scanner mount
- 1 x V73 Adapter kit DL-MTKT012 containing:
  - 1 x Adapter for the right-hand side
  - 1 x Adapter for the left-hand side
  - 4 x Cylinder head screw DIN 912 M6 x 10 A2 TufLok
  - 4 x Cylinder head screw DIN 912 M6 x 16 A2 TufLok
  - 8 x Washer DIN 125 - A 6.4

  When using more than 2 accessories:
  - 4 x Cylinder head screw DIN 912 **M6 x 16** TufLok

    (Fasten the screws **without** washers)

12 Technical customer support

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Attaching scanner holder to
DLT-V73

Mounting instructions V1.00
February 7, 2024

The contact details of our worldwide Advantech Service Centers can be found on our website: https://erma.advantech.com

Warranty conditions

It is the statutory warranty. It expires if the operator carries out measures on the device that are reserved exclusively for authorized Advantech Service Centers.

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